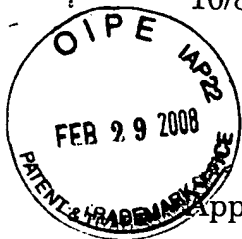


JFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sterzer et al.

Serial No.: 10/822,367

Filed: April 12, 2004

Title: INFLATABLE BALLOON CATHETER STRUCTURAL DESIGNS  
AND METHODS FOR TREATING DISEASED TISSUE  
OF A PATIENT

Art Unit: 3739

Examiner: Roy Dean Gibson

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-14501

Sir:

In response to the Office action of December 13, 2007 please amend this application in the manner set forth in the following attached pages in accordance with the format described in the "Revised Format of Amendments" Revised Notice of 2-13-03.

IN THE CLAIMS:

1 (currently amended). In a balloon catheter suitable for use in treating diseased tissue of a patient, wherein said balloon catheter comprises a catheter body, an inflatable balloon surrounding said catheter body, and an antenna, and a microwave feedline for forwarding microwave energy to said antenna, wherein in use (1) said catheter with said balloon in a deflated state may first be positioned so that said antenna is aligned with said patient's diseased tissue and (2) said balloon may then be inflated so that an exterior surface of said balloon presses said diseased tissue while said antenna transmits radiant energy to said diseased tissue thereby to effect the heating of said diseased tissue; the improvement wherein: